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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number Of Pages In This Submission

7

Application Number

09/972,142

Filing Date

October 5, 2001

First Named Inventor

Daniel G. LOFFLER

Group Art Unit

1764

Examiner Name

To Be Assigned

Attorney Docket No.

220772007420

## ENCLOSURES (check all that apply)

☐

Fee Transmittal Form

☐

Assignment Papers  
(for an Application)

☐

After Allowance Communication to  
Group

☐

Fee Attached

☐

Drawing(s)

☐

Appeal Communication to Board of  
Appeals and Interferences

☐

Amendment / Reply

☐

Licensing-related Papers

☐

Appeal Communication to Group  
(Appeal Notice, Brief, Reply Brief)

☐

After Final

☐

Petition

☐

Proprietary Information

☐

Affidavits/declarations

☐

Petition to Convert to a  
Provisional Application

☐

Status Letter

☐

Extension of Time Request

☒

**Power of Attorney, Revocation  
Change of Correspondence Address -  
3 pages**

☒

**Other Enclosure(s) (please identify  
below)**

☐

Express Abandonment Request

☐

Terminal Disclaimer

- 1 Statement Under 37 CFR 3.73(b), with  
copy of Assignment - 3 pages
- 2 Return Receipt Postcard

☐

Information Disclosure Statement

☐

Request for Refund

☐

Certified Copy of Priority Document(s)

☐

CD, Number of CD(s)

☐

Response to Missing Parts/  
Incomplete Application

Remarks

☐

Response to Missing Parts  
under 37 CFR 1.52 or 1.53

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm

Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California 94304-1118

or

Individual Name

J.A. Jacobson, Reg. No. 40,031

Signature

*J.A. Jacobson*

Date

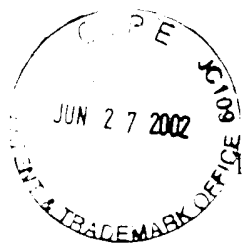
June 19, 2002

## CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Assistant Commissioner for Patents, Washington, D.C. 20231, on June 19, 2002.

WITNESSED AND SIGNED:

By \_\_\_\_\_, Special Agent in Charge, U.S. Patent and Trademark Office, Washington, D.C. 20231, on June 19, 2002.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Daniel G. LOFFLER, et al.

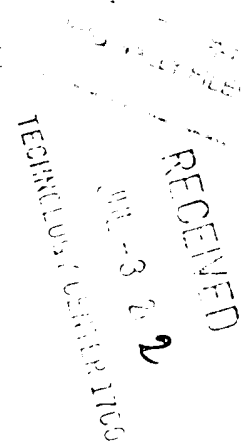
Serial No.: 09 972,142

Filing Date: October 5, 2001

For: CATALYTIC SEPARATOR PLATE  
REACTOR AND METHOD OF  
CATALYTIC REFORMING OF FUEL  
TO HYDROGEN

Examiner: To Be Assigned

Group Art Unit: 1764



**PROSECUTION BY ASSIGNEE AND POWER OF ATTORNEY  
UNDER 37 C.F.R. § 3.71**

Assistant Commissioner for Patents  
Washington, DC 20231

Dear Sir:

CATALYTICA ENERGY SYSTEMS, INC., the assignee of the entire right, title and interest in this patent application, under 37 C.F.R. § 3.71 hereby appoints:

Lisa A. Amii (Reg No. 48,199)  
Mehran Arjomand (Reg No. 48,231)  
Sanjay S. Bagade (Reg No. 42,280)  
Shantanu Basu (Reg No. 43,318)  
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all of Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, California 94304-1018, telephone (650) 813-5600, to prosecute this application and transact all matters in the United States Patent and Trademark Office connected therewith, said appointment to be to the exclusion of the inventors and their attorneys in accordance with the provisions of 37 C.F.R. § 3.71 provided that if any one of said attorneys or agents ceases being affiliated with the law firm of Morrison & Foerster as partner, employee or of counsel, such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

Please direct all written communications relative to this application to:

Jill A. Jacobson  
 Morrison & Foerster LLP  
 755 Page Mill Road  
 Palo Alto, California 94304-1018

Please direct all telephone communications to Jill A. Jacobson at (650) 813-5876.

CATALYTICA ENERGY SYSTEMS, INC.  
a California corporation

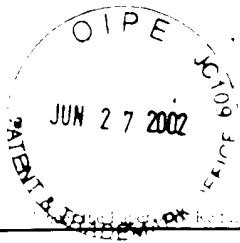
Dated: 13 June 2001

Y. A. Seltzer

Name: R.A. DALLA DETTG

Title: VICE PRESIDENT

Address: 430 Ferguson Dr., Building 1  
Mountain View, California 94043



U.S. Patent and Trademark Office  
Assignment of Invention  
Form 100-1 (Rev. 10-16-95)

**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant Patent Owner: Daniel G. LOFFLER, Carlos E. FAZ, Valery SOKOLOVSKII, and Enrique IGLESIAS  
Application No. Patent No.: 09/972,142 Filed Issue Date: October 5, 2001  
Entitled: CATALYTIC SEPARATOR PLATE REACTOR AND METHOD OF CATALYTIC REFORMING OF FUEL TO HYDROGEN  
CATALYTICA ENERGY SYSTEMS, INC. a corporation  
Name of Assignee: CATALYTICA ENERGY SYSTEMS, INC. (a corporation)

states that it is:

- 1. ☒ the assignee of the entire right, title, and interest; or
- 2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application patent identified above, to the current assignee as shown below:

- 1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached
- 2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached
- 3. From: \_\_\_\_\_ To: \_\_\_\_\_  
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☐ Additional documents in the chain of title are listed on a supplemental sheet

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08.]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee

13 JUL 2001  
Date

JOSE L. IGLESIAS  
Signature  
JOSE L. IGLESIAS  
Title

RECEIVED  
JUL 3 2001  
TECHNOLOGICAL CENTER

**ASSIGNMENT  
JOINT****COPY**

THIS ASSIGNMENT, by Daniel G. LOFFLER, Carlos E. FAZ, Valery SOKOLOVSKII and Enrique IGLESIA (hereinafter referred to as the assignors), residing at 3877 Corina Way, Palo Alto, California 94303, 30452 Midlothian Way, Hayward, California 94544, 470 Boynton Avenue #16, San Jose, California 95117 and 499 Butterfield Place, Moraga, California 94556, respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in CATALYTIC SEPARATOR PLATE REACTOR AND METHOD OF CATALYTIC REFORMING OF FUEL TO HYDROGEN, set forth in an application for Letters Patent of the United States, bearing Serial No. 09/972,142 and filed on October 5, 2001, and

WHEREAS, CATALYTIC ENERGY SYSTEMS, INC., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 430 Ferguson Drive, Building 1, Mountain View, California 94043 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations in part of said application, or reissues or extensions, of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation in part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date

Daniel G. Löffler

Date

Carlos E. Paz

Date

Valery Sokolovskii

Date

Enrique Iglesia